| _}}<br>}*•ः  | <u> </u>    |  |                                      | L IAP  | 10 Rec's PC             | IPTA AK DEC                    | วกกต        |  |
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| FCROPTO-1390 U.S. DEPARTMEN<br>MODIFIED  |             | DEPARTMENT   | DMMERCE PATENT, AND TRADEMARK OFFICE | A NEY'S DO   | 511-63                  | 53                             |             |  |
|  |             |  |                                      | TO THE UNITED STATES   | U.S. APPLICATION        | NO. (If known, see 37 C.F.R. 1 | 1.5)        |  |
|  |             |  |                                      | ED OFFICE (DO/EO/US)   |                         | 10/522,794                     | <i>f</i>    |  |
| INIT   | DNA         |  |                                      | NG UNDER 35 U.S.C. 371 NTERNATIONAL FILING DATE  | PRIORITY DAT            |                                |             |  |
| INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED  9CT/ZA2003/000103 30 July 2003 30 July 2002 |             |  |                                      |  |                         |                                |             |  |
| TITI   | _E OF       | INVENTION  | ·                                    |  |                         |                                |             |  |
|  |             |  | SYSTE                                | EM AND METHOD TO PROVIDE SUPPL   | Y CHAIN INTEGE          | RITY                           |             |  |
| APF  | PLICA       | NT(S) FOR DO/  | EO/US                                | PRETORIUS et al.   |                         |                                |             |  |
| Арр  | licant      | herewith submit  | s to the United                      | States Designated/Elected Office (DO/E   | O/US) the following     | items and other informa        | tion:       |  |
| 1.   |             | This is a FIRST  | submission of                        | titems concerning a submission under 35  | 5 U.S.C. 371.           |                                | •           |  |
| 2.   | $\boxtimes$ |  |                                      |  |                         |                                |             |  |
| 3.   |             | This is an expre<br>items (5), (6),  |                                      | begin national examination procedures (3 dicated below.                                  | 35 U.S.C. 371(f). T     | he submission must inclu       | ıde         |  |
| 4.   |             | The U.S. has b   | een elected (Aı                      | rticle 31).  |                         |                                |             |  |
| 5.   | A co        | opy of the Interna   | itional Applicati                    | on as filed (35 U.S.C. 371(c)(2).  |                         |                                |             |  |
|  | a.          | ☐ is attache   | d hereto (                           | pages specification, claims & abstract (   | claims),                | sheets drawings).              |             |  |
|  | b.          | ☐ has been   | communicated                         | by the International Bureau.   |                         |                                |             |  |
|  | C.          | is not requ  | uired, as the ap                     | pplication was filed in the United States R  | eceiving Office (RC     | D/US).                         |             |  |
| 6,   |             | An English lang  | guage translatio                     | on of the International Application as filed   | (35 U.S.C. 371(c)(      | (3)                            |             |  |
| 1  | a.<br>Cerl  | is attache ificate of Transla  |                                      | pages specification, claims & abstract (   | claims),                | sheets drawings,               | page        |  |
| '  | b.          | ☐ has been   | previously sub                       | mitted under 35 U.S.C. 154(d)(4).  |                         |                                |             |  |
| 7.   |             | Amendments to  | the claims of t                      | the International Application under PCT A  | Article 19 (35 U.S.C    | c. 371(c)(3)                   |             |  |
|  | a.          | are attached hereto (required only if not communicated by the International Bureau). |                                      |  |                         |                                |             |  |
|  | b.          | have beer  | n communicate                        | d by the International Bureau.   |                         |                                |             |  |
|  | C.          | have not b   | been made; ho                        | wever, the time limit for making such amo  | endments has <b>NOT</b> | expired.                       |             |  |
|  | d.          | `-i have not t   | been made and                        | d will not be made.  |                         |                                |             |  |
| 8.   |             | An English lang  | guage translatio                     | on of the amendments to the claims unde  | r PCT Article 19 (3     | 5 U.S.C. 371(c)(3).            |             |  |
| 9.   | a.          | An oath o  | r declaration of                     | the inventor(s) (35 U.S.C. 371(c)(4).  |                         |                                |             |  |
|  | b.<br>Forr  |  |                                      | ed to the International Bureau during Inte<br>B/371 and first page of printed publicatio |                         |                                | ( page      |  |
|  |             | An English lang  | guage translatio                     | on of the annexes of the International Pre   | liminary Examination    | on Report under PCT Art        | icle 36 (35 |  |
| U.S<br>11.   | .C. 37      | 71(c)(5).<br>An Information  | Disclosure Sta                       | tement under 37 C.F.R. 1.97 and 1.98.  |                         |                                | ·           |  |
| 12.  | $\boxtimes$ | An assignment  | document for r                       | recording. A separate cover sheet in con   | npliance with 37 C.     | F.R. 3.28 and 3.31 is incl     | uded.       |  |
| 13.  |             |  | preliminary ame                      |  |                         |                                |             |  |
|  | b.          |  |                                      | UENT preliminary amendment.  |                         |                                |             |  |
| 14.  |             |  |                                      | der 37 C.F.R. § 1.76.  |                         |                                |             |  |
| 15.  |             | A substitute sp  | ecification.                         |  |                         |                                |             |  |
| 16.  |             | A change of po   | wer of attorney                      | and/or address letter.   |                         |                                |             |  |
| 17.  |             | A computer-rea   | adable form of t                     | the sequence listing in accordance with F  | PCT Rule 13ter.2 ar     | nd 37 CFR 1.821-1.825.         |             |  |
| 18.  |             | A second cop   | y of the publis                      | shed international application under 3   | 35 U.S.C. 154(d)(       | (4).                           |             |  |
| 19.  |             | A second copy  | of the English                       | language translation of the international  | application under 3     | 5 U.S.C. 154(d)(4).            |             |  |
| 20.  | $\boxtimes$ |  |                                      | opy of Notification of Missing Requiremented Office (DO/EO/US)                           | nts Under 35 U.S.C      | C. §371 in the                 |             |  |



| 1  | -   |                        | ee 37 C.F.R. 1.5)                        | IN                             | TERNATIONAL APPL          |                    | i i                         | ATTO                                  |       | Y'S DOCKET N<br>511-63 | UMBER         |
|--|---|------------------------|--|--------------------------------|---------------------------|--------------------|-----------------------------|---------------------------------------|-------|------------------------|---------------|
|  | Error! Reference  |                        |  | _L                             | PCT/ZA2003/               | 30010              | 3                           |                                       | _     | 311-03                 | · -= -        |
|  |   |                        | e submitted:<br>37 C.F.R. 1.49           | 92(a)(1)-(5)-                  |                           |                    |                             |                                       | ╁     |                        |               |
| 21.  |   |                        |  |                                |                           | 0.00               | 1631)/\$150.00 (26          | 31)                                   | \$    |                        |               |
| 22.  |   |                        |  |                                |                           |                    | •                           | •                                     | H     |                        |               |
| 22. 🗀  | 2. Examination Fee\$200.00 (1633)/\$100.00 (2633)   |                        |  |                                |                           |                    | 33)                         | \$                                    |       |                        |               |
| 23. 🗆  | Search\$0 (1640/2640)   |                        |  |                                |                           |                    |                             | H                                     | _     |                        |               |
| 20.  | 3. Search \$0 (1640/2640)\$100 (1641)/\$50 (2641)   |                        |  |                                |                           |                    |                             |                                       |       |                        |               |
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|  | \$500.00 (1632)/\$250.00 (2632)   |                        |  |                                |                           |                    | \$                          |                                       |       |                        |               |
|  | TOTAL OF ABOVE CALCULATIONS   |                        |  |                                |                           | \$                 | 0.00                        |                                       |       |                        |               |
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| Surchard from the  | ge of \$130.00<br>earliest claim  | ) (1617)/<br>ned prior | <b>\$65.00</b> (2617)<br>rity date (37 C | ) for furnishi<br>.F.B. 1.4920 | ng the oath or de         | clarati            | on later than 🗌 30          | months                                |       |                        |               |
|  | AIMS  |                        | BER FILED                                | # EXTRA                        | <del>-</del> j.           |                    | RATE                        |                                       | \$    |                        | L             |
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|  |   |                        | AIMS(S) (if ap                           |                                |                           |                    | 6)/\$180.00 (2616)          | 1                                     | \$    | 0.00                   |               |
|  |   |                        |  |                                |                           |                    | date of this paper          |                                       |       |                        |               |
|  |   |                        |  |                                |                           |                    | nth Extensions \$45         |                                       |       |                        |               |
|  | 52)/\$225.00 (2252);Three Month Extensions \$1020.00 (1253/\$510.00 (2253); Four Month Extensions 90.00 (1254/\$795.00 (2254)                 |                        |  |                                |                           | EUSIOUS            | s                           | 60.00                                 | •     |                        |               |
|  | Applicant claims small entity status. See 37 CFR 1.27.  |                        |  |                                |                           |                    |                             |                                       | ╫     |                        |               |
| Processi   | ocessing fee of \$130.00 (1618), for furnishing the English Translation later than 20 30  |                        |  |                                |                           |                    | Ō                           | $\Box$                                |       |                        |               |
| months f   | from the earli  | est clain              | ned priority da                          | te (37 C.F.F                   | l. 1.492(f).              |                    | +                           |                                       |       | 0.00                   |               |
| Fee for r  | ocording the  | encloso                | d assignment                             | /27 C E D ·                    | 1 21(h) The acc           | ianma              | TOTAL NATIONA               |                                       | \$    | 100.00                 |               |
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|  |   |                        |  |                                |                           |                    | 153) / <b>\$750.00</b> (245 | i3)                                   | \$    | 0.00                   |               |
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| U.S. A   | pplication  | No. 1                  | 0/522,794                                | ; Atty Doo                     | cket No.511-6             | 3                  |                             |                                       |       |                        |               |
| a. ⊠   | A check in  | the amo                | unt of \$0.00 t                          | o cover the                    | above fees is en          | closed             |                             |                                       |       |                        |               |
| b. 🗆   | Please cha  | rge my [               | Deposit Accou                            | int No. 14-1                   | 140 in the amoun          |                    |                             | above fee:                            | s.    |                        |               |
| c. 🖂   |   |                        | this form is en                          |                                |                           |                    |                             |                                       |       | lta                    |               |
| C. 🖂   | overpayme   | nt to De               | posit Account                            | No. 14-114                     | narge arry addition       | nai iee<br>nv of t | es which may be re          | quirea, or<br>d.                      | cred  | n any                  |               |
| d. □   | overpayment to Deposit Account No. <u>14-1140</u> . A <u>duplicate</u> copy of this form is enclosed.  d.  CREDIT CARD PAYMENT FORM ATTACHED. |                        |  |                                |                           |                    |                             |                                       |       |                        |               |
|  | The entire of   | content o              | of Internationa                          | al Application                 | No. PCT/ZA200             | 03/000             | 103 and any U.S. a          | and foreigi                           | n apı | plication(s) o         | corresponding |
| thereto,   |   |                        |  |                                |                           |                    | reference in this a         |                                       |       |                        |               |
| NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the application to pending status. |   |                        |  |                                |                           |                    |                             |                                       |       |                        |               |
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|  |   |                        |  |                                |                           |                    | $\mathcal{P}_{0}$           | t A.                                  | Y     | Wal.                   | •             |
| Telepho  | ne: (703) 816   | -4000                  |  |                                |                           |                    | Robert A. Mola              |                                       |       | ·ve                    | <u> </u>      |
| RAM:drt  |   | . 500                  |  |                                |                           |                    | NAME                        | · · · · · · · · · · · · · · · · · · · |       |                        |               |
|  |   |                        |  |                                |                           |                    | 29,834                      |                                       | D     | ecember 5,             | 2005          |
| 1  |   |                        |  |                                |                           |                    | REGISTRATION                | NUMBER                                |       | ate                    |               |

## 5(( -6) United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS PO. Box 1450 Alexandra, Vigguis 22313-1450 www.usptu.gov

FIRST NAMED APPLICANT ATTY. DOCKET NO. U.S. APPLICATION NUMBER NO Albertus Jacobus Pretorius 511-63 10/522,794 INTERNATIONAL APPLICATION NO. PCT/ZA03/00103 DOCKETED I.A. FILING DATE PRIORITY DATE 23117 07/30/2003 07/30/2002 NIXON & VANDERHYE, PC 901 NORTH GLEBE ROAD, 11TH FLOOR, ARLINGTON, VA 22203 **CONFIRMATION NO. 6857** 371 FORMALITIES LETTER <sup>k</sup>\*OC000000016936681\* \*OC000000016936681\*

Date Mailed: 09/07/2005

## NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 01/28/2005
- Copy of the International Search Report filed on 01/28/2005
- Preliminary Amendments filed on 01/28/2005
- Request for Immediate Examination filed on 01/28/2005
- U.S. Basic National Fees filed on 01/28/2005
- Priority Documents filed on 01/28/2005

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- An abstract was not provided for this application. An abstract of the technical disclosure is required under 37 CFR 1.72(b).

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

TAMALA D HOLLAND

Telephone: (703) 308-9140 EXT 209

## PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/522,794                  | PCT/ZA03/00103                | 511-63           |

FORM PCT/DO/EO/905 (371 Formalities Notice)